

5339B5 Coax - CATV and MATV Applications

For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductor, foam polyolefin insulation, foil plus braid shield(s) as indicated, PVC jacket, sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	.040

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.180

Outer Shield**Outer Shield Material:**

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.266 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	28 lbs/1000 ft.
Max. Recommended Pulling Tension:	68 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.750 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC(UL) Specification:	CM
NEC Articles:	820
CEC/C(UL) Specification:	CM
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	6/U
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Series Type:	Series 6
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Flame Test

UL Flame Test:	UL1685 UL Loading
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C(UL) Flame Test:	FT1
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

75

Nom. Inductance:

Inductance (μH/ft)

.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.3

Nominal Velocity of Propagation:

VP (%)

83

Nominal Delay:

Delay (ns/ft)

1.21

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
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5	.81
55	1.60
211	3.08
270	3.50
300	3.70
330	3.89
400	4.30
450	4.58
550	5.09
750	6.00
870	6.50
1000	7.00

Max. Operating Voltage - UL:

Voltage

350 V RMS

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Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5339B5 009U1000	1,000 FT	28.000 LB	WHITE		RG-6/U COAX
5339B5 009U500	500 FT	15.000 LB	WHITE		RG-6/U COAX
5339B5 0091000	1,000 FT	29.000 LB	WHITE		RG-6/U COAX
5339B5 009500	500 FT	15.000 LB	WHITE		RG-6/U COAX
5339B5 010U1000	1,000 FT	28.000 LB	BLACK		RG-6/U/COAX
5339B5 010500	500 FT	15.000 LB	BLACK		RG-6/U COAX

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